

## **INTRODUCTION**

### **OVERVIEW**

- **We built a basic podcast app with an interactive UI and functionalities using Kotlin platform.**
- **It is also like a blog. A podcast is simply a series of spoken articles, audio episodes, all focused on a particular thing(a topic or theme).**
- **We can subscribe to the podcast with a podcast listening app on our phone and listen to episodes whenever we like on our headphones, in our car or on smart speakers. We have the complete freedom to choose our topics.**

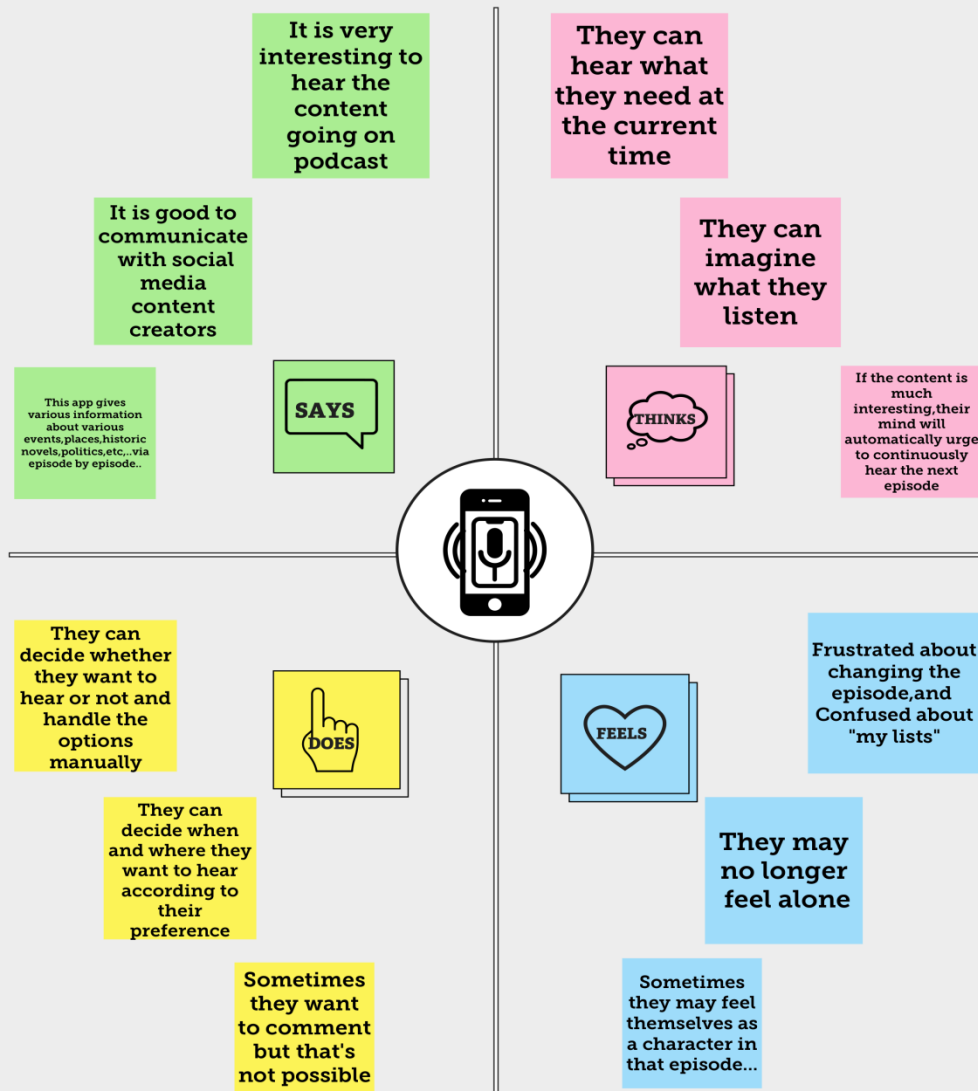
### **PURPOSE**

- **People might listen to a podcast to learn more about a topic, keep up with current events or because they want to laugh.**
- **Podcasts are for students who are looking to get a little extra edge, mothers who want to have a little time set aside for them and workers looking for a laugh on their lunch time. They really truly are for everyone.**
- **The main purpose of our podcast is to entertain the users, and to support the users who wants to take information like novels, songs, historical stories etc.. in audio mode.**

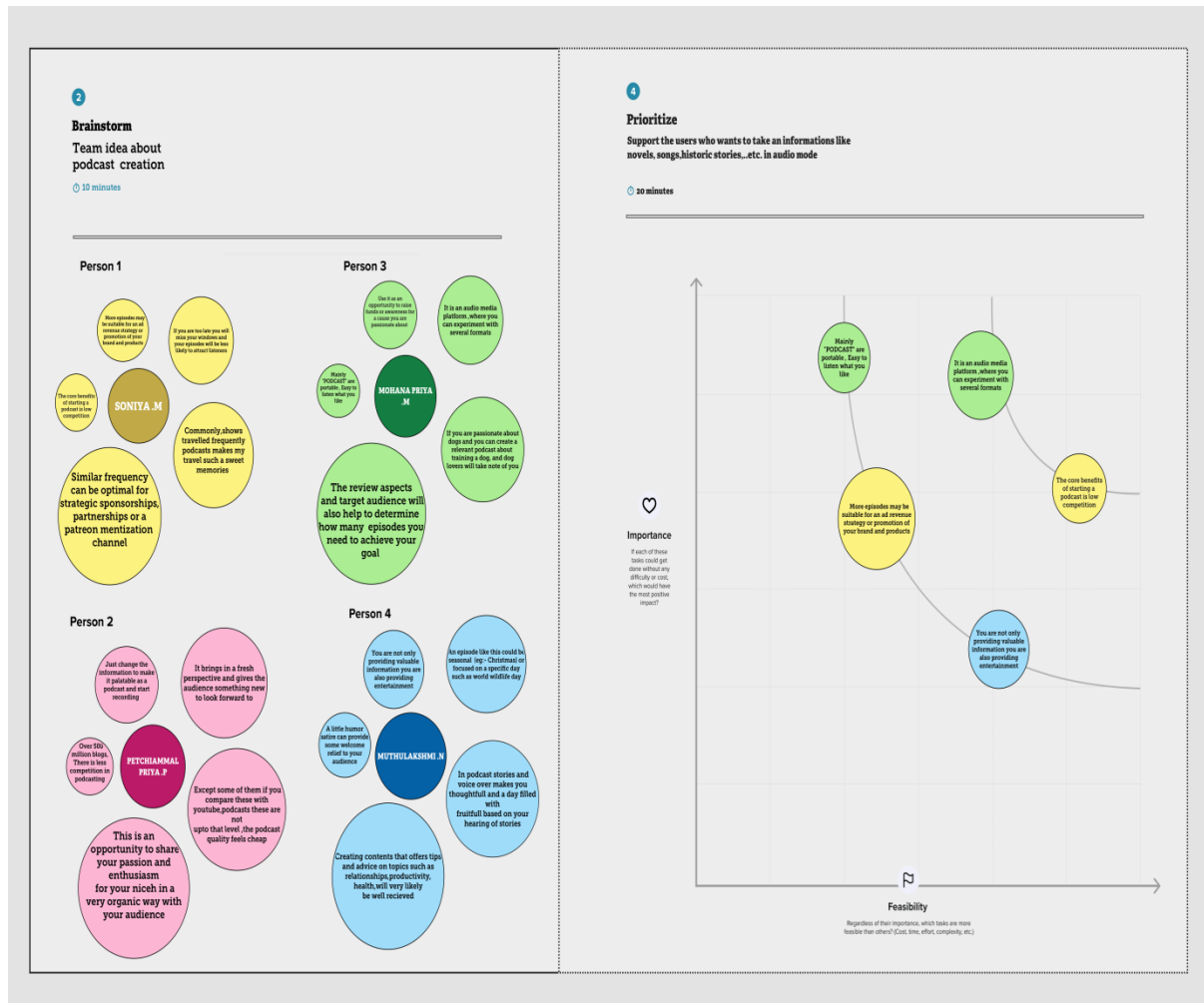
## **PROBLEM DEFINITION AND THINKING**

### **EMPATHY MAP**

## PODCAST PLUS : A Redux-Inspired Podcast App with Dynamic Themes for Android



# IDEATION AND BRAINSTORMING MAP



RESULT

3:07

Vol LTE 52%



PODCAST  
*Wave*

## LOGIN



username



password

Log In

[Sign up](#)

[Forgot password ?](#)

3:10

Vol LTE 51%



PODCAST  
*Wave*

## LOGIN



Muthulakshmi



.....

Successfully log in

Log In

[Sign up](#)

[Forgot password ?](#)

# PODCAST



GaurGopalDas Returns To TRS - Life,  
Monkhood & Spirituality



Haunted Houses, Evil Spirits & The  
Paranormal Explained | Sarbajeet Mohanty



Kaali Mata ki kahani - Black Magic &  
Aghoris ft. Dr Vineet Aggarwal



# **ADVANTAGES & DISADVANTAGES**

## **ADVANTAGES**

### **Convenience:**

- It is very convenient medium of communication especially for the audience. That is we can decide to the time and place of when you want to consume the content.

### **No Restriction on time:**

- It is very good for listeners as they do not have to log in or tune in at a particular time similar to a radio or TV show.

### **Podcast are Portable:**

- Listeners do not require any special medium to listen to their favourite podcasts. Since the smart phone is mobile in nature people can listen to podcasts practically anywhere.

### **Podcasts have direct connect with audience:**

- If you want to have a direct connect with your audience, then podcasting gets as good as a video medium such as YouTube. A podcaster can create a relationship with the listeners which helps in long term success of the podcast.

### **Podcasts cut cost:**

- The ability of Podcasts to reach a large audience at low costs makes it an effective medium of communication

## **DISADVANTAGES**

### **Accessibility:**

- Internet is required for people to access the podcasts and it becomes difficult to reach to wider audience if internet is not available.

### **Copyright Issues:**

- It is very difficult to protect our content from being copied by someone. Anyone can copy our content, modify it and put it out there.

### **Finding and reaching to our audience:**

- It can be really disheartening and test of patience to produce episodes after episodes without any audience out there listening to us.

**Time Consuming:**

- This app consumes a lot of time especially if the file is larger.

**Not searchable:**

- Sometimes it is impossible to search directly within the files.

**Challenge:**

- It is challenge to upload and edit files which has a larger size and higher quality It needs good and fast broadband connect.
- Some people prefers reading to listening.

**APPLICATIONS**

- As the technology gained popularity in the early 2000s, the uses of podcasting grew from simply to delivery of content to also creative and responsive purposes.
- Our app works in many application areas like Entertainment, Comedy, Fiction, History, Education, Science , News, Crime, Sports etc...

Let us discuss about some areas:

**Education:**

- It is easier to listen to podcasts longer than reading for a long time.
- Podcast can create student communities.
- Revision
- Catch up on missed classes.
- Excellent learning tool for visually impaired students.
- Podcast can create Teachers communities.

**Marketing:**

- A strategy that implies promoting and selling products or services through audio content. It helps to reach new audience, tell the brand's story, build authority, and encourage world-of-mouth marketing.

**Some reasons to consider using a podcast for our brand:**

- a niche targeted audience
- high ROI
- Huge product sales
- a wide base of listeners



- new geographic
- Many referrals
- Better page ranking
- Lower competitions
- Brand awareness
- Value for the audience
- Community of interested people
- Position of an expert
- Organic traffic to social media and a site.

### **Sports:**

- To receive and report on every leg of the tournament from start to finish.
- Event recaps or highlights
- Interviews with key athletes or fans.
- Reviews of industry news, old and new.
- Press conference coverage.
- Opportunity for athletes to build personal brands.
- More scope for Athletes to work with sponsors.
- Build stronger relationship with fans.

### **CONCLUSION**

- Podcasts broaden the knowledge of users by providing various information about the world's many fields and creatures.
- Our app allows listeners to time-shift and place-shift media consumption.
- Accessible to a global audience regardless of geographic boundaries.
- Ability to bypass the news media and go direct to listeners.
- No matter what the subject we are interested in; chances are there in this app.

## **FUTURE SCOPE**

### **Future scope for a podcast app with dynamic themes for Android**

There are several potential areas for future development and growth for a podcast app with dynamic themes for Android:

#### **Customization options:**

- Users enjoy having control over the app's appearance and behaviour. Therefore, providing users with more customization options for the app's user interface and audio playback options can help to increase user engagement and satisfaction.

#### **Personalization:**

- Users may want to personalize their podcast recommendations based on their listening history, preferences, and interests. Therefore, incorporating machine learning algorithms into the app to suggest relevant podcasts can enhance user experience.

#### **Social sharing:**

- Social sharing is a feature that enables users to share their favourite podcasts or specific episodes with friends and family via social media. This can help to promote the app and increase user acquisition.

#### **Voice integration:**

- Integration of voice assistants such as Google Assistant or Alexa can help users to control playback, subscribe to podcasts, and search for new content using voice commands.

#### **Cross-platform compatibility:**

- Offering cross-platform compatibility with other devices, such as tablets, desktops, or smart watches, can help users to access their podcasts across multiple devices, making it more convenient for them.

#### **Localization:**

- The ability to support multiple languages and dialects can help to expand the app's user base to non-English-speaking regions, increasing its global reach.

#### **Monetization:**

- The app can explore monetization options such as in-app purchases, subscription-based models, or targeted advertising. However, it is essential to ensure that monetization strategies do not compromise user experience and privacy.

# APPLICATION

## A. Source Code

<https://github.com/Soni1224/podcast-App/tree/main/app>

<https://github.com/Soni1224/podcast-App/tree/main/gradle/wrapper>

<https://github.com/Soni1224/podcast-App/blob/main/.gitignore>

<https://github.com/Soni1224/podcast-App/blob/main/README.md>

<https://github.com/Soni1224/podcast-App/blob/main/build.gradle>

<https://github.com/Soni1224/podcast-App/blob/main/gradle.properties>

<https://github.com/Soni1224/podcast-App/blob/main/gradlew>

<https://github.com/Soni1224/podcast-App/blob/main/gradlew.bat>

<https://github.com/Soni1224/podcast-App/blob/main/settings.gradle>